

Hôpital de Montréal
pour enfants
Centre universitaire
de santé McGill



Montreal Children's
Hospital
McGill University
Health Centre

18th Annual David R. Murphy Visiting Professorship Day at the MCH



McGill University
Department of Pediatric Surgery



Razek G. Coussa MD, MPhil, M Eng.

April 23, 2026

Razek G. Coussa
Clinical Assistant Professor
Adult & Pediatric Vitreoretinal Diseases & Surgery
Inherited Retinal Diseases & Retinal Gene Therapy

Dr. Razek Georges Coussa is an adult and pediatric vitreoretinal surgeon and co-managing partner at Retina & Vitreous Consultants of Wisconsin, where he provides advanced medical and surgical care for a broad spectrum of retinal diseases. His clinical practice includes complex retinal disorders such as age-related macular degeneration, diabetic retinopathy, retinal detachments, pediatric retinal diseases, and inherited retinal disorders. Dr. Coussa also serves as Director of the Retina Research Center of Wisconsin, where he is actively involved in advancing innovative therapies and clinical research in retinal disease.

In 2025, Dr. Coussa established the first and only certified retinal gene therapy center in Wisconsin, expanding access to cutting-edge treatments for patients with inherited retinal diseases. He has also helped introduce novel therapeutic approaches for macular telangiectasia, including the implementation of Enceltro therapy, further advancing treatment options for patients with complex retinal conditions.

Dr. Coussa pursued an interdisciplinary academic pathway spanning engineering, biotechnology, and medicine. He earned a Bachelor's degree in Chemical Engineering from McGill University in 2007, graduating on the Dean's Honour List, followed by a Master's degree in Biomedical Engineering in 2008. He later obtained a Master of Philosophy (MPhil) in Bioscience Enterprise from the University of Cambridge in the United Kingdom in 2009 before returning to McGill University to complete his medical degree and residency training in ophthalmology.

Following residency, Dr. Coussa completed extensive fellowship training across several retinal subspecialties. He first completed a fellowship in Pediatric Ophthalmology and Inherited Retinal Diseases at the Cleveland Clinic's Cole Eye Institute. He then pursued additional advanced training in Medical Retina and Molecular Ophthalmology at the University of Iowa, followed by a fellowship in Vitreoretinal Diseases and Surgery, also at the University of Iowa.

Prior to joining Retina & Vitreous Consultants of Wisconsin, Dr. Coussa served as a Clinical Assistant Professor and vitreoretinal surgeon at the Dean McGee Eye Institute at the University of Oklahoma, where he founded the Retinal Gene Therapy Center and helped obtain national certification for the institute. He was also the first surgeon in Oklahoma to treat patients with FDA-approved subretinal gene therapy.

In 2025, Dr. Coussa partnered with Dr. Koenekoop to found the first Center for Retinal Gene and Cell Therapies for Retinal Degenerations in Canada, where he serves as the lead clinical consulting surgeon for cutting-edge clinical trials.

**Research Institute
Auditorium E S1 1129
McGill University Health Centre
Teams Link : [Click here to join the meeting](#)**

PROGRAM

APRIL 23, 2026

PEDIATRIC SURGICAL GRAND ROUNDS

07:30-07:35

Welcome
-Dr. Jean-Pierre Farmer

07:35-07:40

Introduction of Dr. Razeq G. Coussa
-Dr. Robert Koenekoop

07:40-09:00

Presentation
*Retinal Surgical Solutions in a Genetic World of
Human Blindness in Evolution*
-Dr. Razeq G. Coussa



Dr. David R. Murphy

David R. Murphy was a Montrealer who graduated from McGill with both his B.Sc. in 1939 and his M.D.C.M. in 1942. He obtained his Master's of Science Degree in Experimental Surgery in 1949 and studied in the Diploma Course in Surgery 1946-1950 at McGill University. Dr. Murphy then participated in a travel year with visits to a number of universities with particular emphasis on Paediatric Surgery and Cardiovascular Surgery.

He was in the Royal Canadian Army Medical Corps, 1942-1946, as a Captain, and served on the H.M.C.S. Lady Nelson as a surgeon and later at The Montreal Military Hospital, 1943-1945. He completed a special course in Thoracic Surgery under Dr. Fraser B. Gurd.

Dr. Murphy was an early pioneer in Cardiovascular Surgery in children and corrected defects in the developing child in the early days of this specialty. His publications include topics such as mitral stenosis, extracorporeal circulation and pulmonary stenosis. Dr. Murphy was President of the Canadian Cardiovascular Society and he succeeded Dr. Dudley Ross as Surgeon-in-Chief at The Montreal Children's Hospital in 1954. He remained Surgeon-in-Chief until August 1974, and his many achievements include an increased emphasis on basic surgical research as well as improvements in surgical care for children in all of the surgical specialties. Dr. Murphy also established one of the first five pediatric surgery training programs in North America at The Montreal Children's Hospital.

Sadly, Dr. Murphy passed away in October 2007. He was married to Beatrice Norsworthy Murphy who passed away in December 2012 and had five children and many grandchildren.

It is an honour for The Montreal Children's Hospital Department of Pediatric Surgery to greet Dr. Coussa as this year's David R. Murphy Visiting Professor.

This program is sponsored by:
The David R. Murphy Endowment Fund